

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

✓.....
✓.....
✓.....

Checked by Chief
Approval Letter
Disapproval Letter

PMB
3/2/72

COMPLETION DATA:

Date Well Completed

Location Inspected

DW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....



1110 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 266-2367

February 29, 1972

Mr. Gerald R. Daniels
U. S. Geological Survey
8416 Federal Building
Salt Lake City, Utah 84111

Re: Anschutz #1 Federal 0145418
NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-19S-21E
Grand County, Utah
Federal Lease U-0145418

Dear Mr. Daniels:

Transmitted herewith in triplicate is the APPLICATION FOR PERMIT TO DRILL (Form 9-331C) for the captioned well.

It is anticipated that the survey plats for this well will be delivered to your office by March 15.

Because of the extremely rugged topography in this area, we request permission to drill this well at a location not at the center of a 40-acre tract. A stipulation not to make partial assignments out of the NE $\frac{1}{4}$ Section 23 executed by Champlin will be forwarded.

Champlin is lessee of record and the designation of operator in favor of Anschutz will be forwarded. Champlin is owner of all leases within 660' of this location.

Yours very truly,

THE ANSCHUTZ CORPORATION, INC.

W. W. Wakefield
Vice President

RMW:bw

Enclosures

cc: Mr. Cleon B. Feight ✓
Oil and Gas Conservation Commission
Department of Natural Resources
1588 West North Temple
Salt Lake City, Utah 84116

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
 b. TYPE OF WELL
 OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
 The Anschutz Corporation, Inc.

3. ADDRESS OF OPERATOR
 1110 Denver Club Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface (*) 442' SWL NW 1/4 Sec. 23
 At proposed prod. zone 2571' WEL NW NW NE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately ten miles northeast of Thompson, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drg. unit line, if any)
 16. NO. OF ACRES IN LEASE 480 M/L

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, OR THIS LEASE, FT.
 19. PROPOSED DEPTH 6250'

21. ELEVATIONS (Show whether DF, BT, GR, etc.)
 (*) 6975KB 6965 GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/2"	8 7/8"	24	500
7-7/8"	5 1/2"	14-17	6250'

We propose to drill this well to an approximate total depth of 6250' into the Entrada formation. Mud and BOP programs will be those generally used in this area. Electric logs will be run to total depth. Drill stem tests will be run as warranted by log and sample evaluation. If production is encountered, casing will be set through the pay section and selectively perforated. Fracing or acidizing may be necessary to stimulate production.

(*) Survey plats will be forwarded in a short time.

Blanket drilling bond on file.
 Champlin Petroleum Company is lessee of record. Designation of Operator to be forwarded.
 Champlin owns all leases within 660' of location.
 Stipulation not to make partial assignments out of NW 1/4 Sec. 23 to be forwarded.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and the proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths and blowout preventer program, if any.

24.
 SIGNED W. W. Wakefield TITLE Vice President
 (This space for Federal or State office use)
 PERMIT NO. 13-019-30786 APPROVAL DATE _____
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
 Utah Federal 13-0145418
 6. ADJACENT ALLOTTEE OR INTERESTED PARTY NAME
 7. AGREEMENT NAME
 8. NAME OF LEASE NAME
 9. NO. OF ACRES ASSIGNED TO THIS WELL
 10. COUNTY, TOWNSHIP, RANGE, SECTION, AND SURVEY OF ARS
 11. COUNTY, TOWNSHIP, RANGE, SECTION, AND SURVEY OF ARS
 12. APPROX. DATE WORK WILL START*
 13. APPROX. DATE WORK WILL START*





1110 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 266-2367

March 3, 1972

Re: Anschutz #1 Federal-428
NW NW NE Sec.23-19S-21E
Grand County, Utah

Mr. Gerald R. Daniels
U.S. Geological Survey
8416 Federal Building
Salt Lake City, Utah

Dear Mr. Daniels:

Transmitted herewith in triplicate are the Survey
Plats for the captioned well to accompany our APD (Form
9-331C) filed under date of February 29, 1972.

Yours very truly,

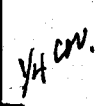
THE ANSCHUTZ CORPORATION, INC.

Robert M. Wakefield
Geologist

/s/
Encls.

cc: Mr. Cleon B. Feight
Oil & Gas Conservation Commission
Department of Natural Resources
1588 West North Temple
Salt Lake City, Utah 84116

$\frac{1}{4}$ cov.



W. Allen Gungley

PW

March 7, 1972

The Anschutz Corporation
1110 Denver Club Building
Denver, Colorado

Re: Federal 313 - No. 1
Sec. 34, T. 19 S, R. 21 E,
~~Federal 418~~ - No. 1
Sec. 23, T. 19 S, R. 21 E,
Federal 773 - No. 4
Sec. 29, T. 19 S, R. 21 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to completing this form will be greatly appreciated.

The API numbers assigned to these wells are:

Federal 313 - No. 1:	43-019-30084
Federal 418 - No. 1:	43-019-30086
Federal 773 - No. 4:	43-019-30093

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

March 10, 1972

Mr. W. W. Wakefield
The Anschutz Corporation, Inc.
1110 Denver Club Building
Denver, Colorado 80202

Re: Proposed drilling operations in
T. 19 S., R. 21 E., S.L.M.,
Grand County, Utah
Left Hand Canyon area

Dear Mr. Wakefield:

This is to acknowledge receipt of twelve Applications for Permit to Drill oil and gas test wells in the referenced area.

Enclosed is your copy of the permit for Well No. 313-1, located in the SE $\frac{1}{4}$ sec. 34, T. 19 S., R. 21 E., on lease U 6313, which was approved by this office on March 10, 1972. We will need a 200' stipulation and a Designation of Operator by Champlin Petroleum Company. We would like to have these before you commence drilling operations.

With the exception of Well 777-1, SW $\frac{1}{4}$ sec. 29, we have not received Designations of Operator in favor of Anschutz. Our records show the leases are owned 100 percent by Champlin Petroleum Company.

Effective April 1, 1972, the Geological Survey will withhold approval of Applications for Permit to Drill exploratory oil and gas wells for 30 days pending an environmental impact analysis to determine whether or not an environmental impact statement is necessary. It is my understanding that, even though Geological Survey approval of the permit may have been granted prior to April 1, 1972, said approval will be suspended for 30 days after April 1, for all well locations on which actual drilling operations had not commenced. In the event it is determined that a given location requires an environmental impact statement, the period of suspension will be extended for that location for so long as is necessary to prepare the statement.

Therefore, this office has approved the Application for Permit to Drill the well that you indicated would be drilled first. We will hold the other applications in abeyance until we receive notification from you that you wish to commence actual drilling operations. We would appreciate such notification on an individual basis.

Please be advised that you have the right of appeal from this action. If you wish to appeal, please follow the procedures outlined in 30 CFR 221.66.

Sincerely,

PERIODIC CHECKS REQUIRED

Gerald R. Daniels,
District Engineer

Enclosures

cc: State Div. O&G Cons. ✓
BLM, Monticello w/list of wells
Casper w/list of wells

JOHNSTON

Schlumberger

technical
report



EQUIPMENT & HOLE DATA

Type Test	M.F.E. STRADDLE OPEN HOLE		
Formation Tested	ENTRADA		
Elevation	6975		Ft.
Net Productive Interval	12		Ft.
Estimated Porosity	9-12		%
All Depths Measured From	KELLY BUSHING		
Total Depth	6712		Ft.
Main Hole/Casing Size	6 3/4"		
Rat Hole/Liner Size	-		
Drill Collar Length	543'	I.D.	2.25"
Drill Pipe Length	6046'	I.D.	2.70"
Packer Depth(s)	6627', 6631' & 6652		
			Ft.

Sampler Pressure	20	P.S.I.G. at Surface
Recovery: Cu. Ft. Gas	-	
cc. Oil	-	
cc. Water	1525	
cc. Mud	700	
Tot. Liquid cc.	2225	
Gravity	-	° API @ - ° F.
Gas/Oil Ratio	-	cu. ft./bbl.

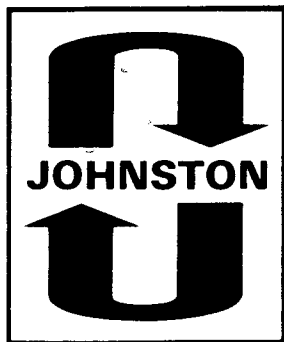
CHLORIDE CONTENT

Mud Pit Sample 4.3 @ 64 °F.
Mud Pit Sample Filtrate 4.5 @ 64 °F. 600 ppm

Mud Type	GEL CHEMICAL	Wt.	9.3	
Viscosity	38	Water Loss	6.0	C.C.
Resist. of Mud	4.3 @ 64 °F	of Filtrate	4.5 @ 64 °F	
Chloride Content	600			PPM

Remarks:

No. Reports Requested 12 (8x's)



PRESSURE LOG*

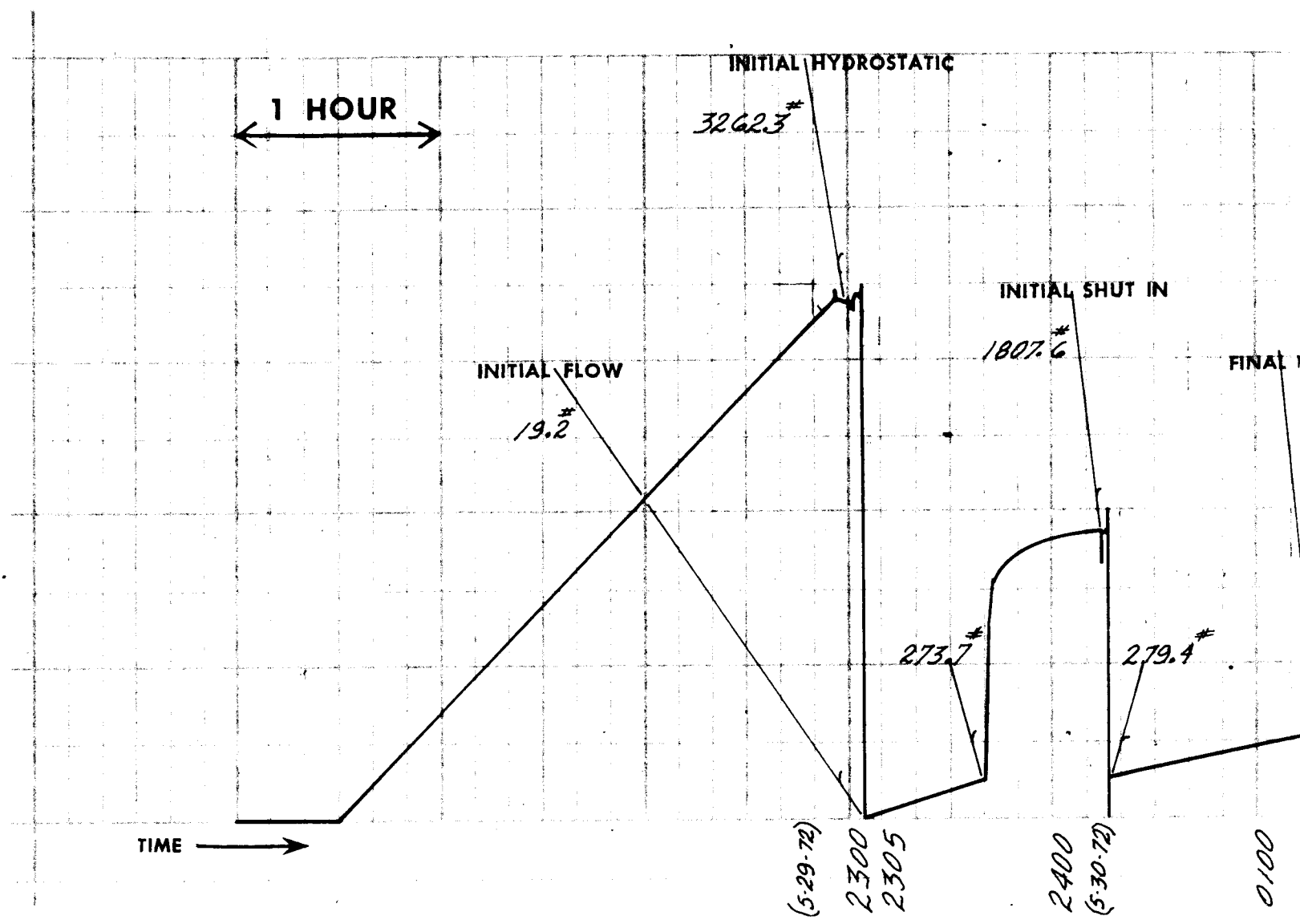
Field Report No. 22959B

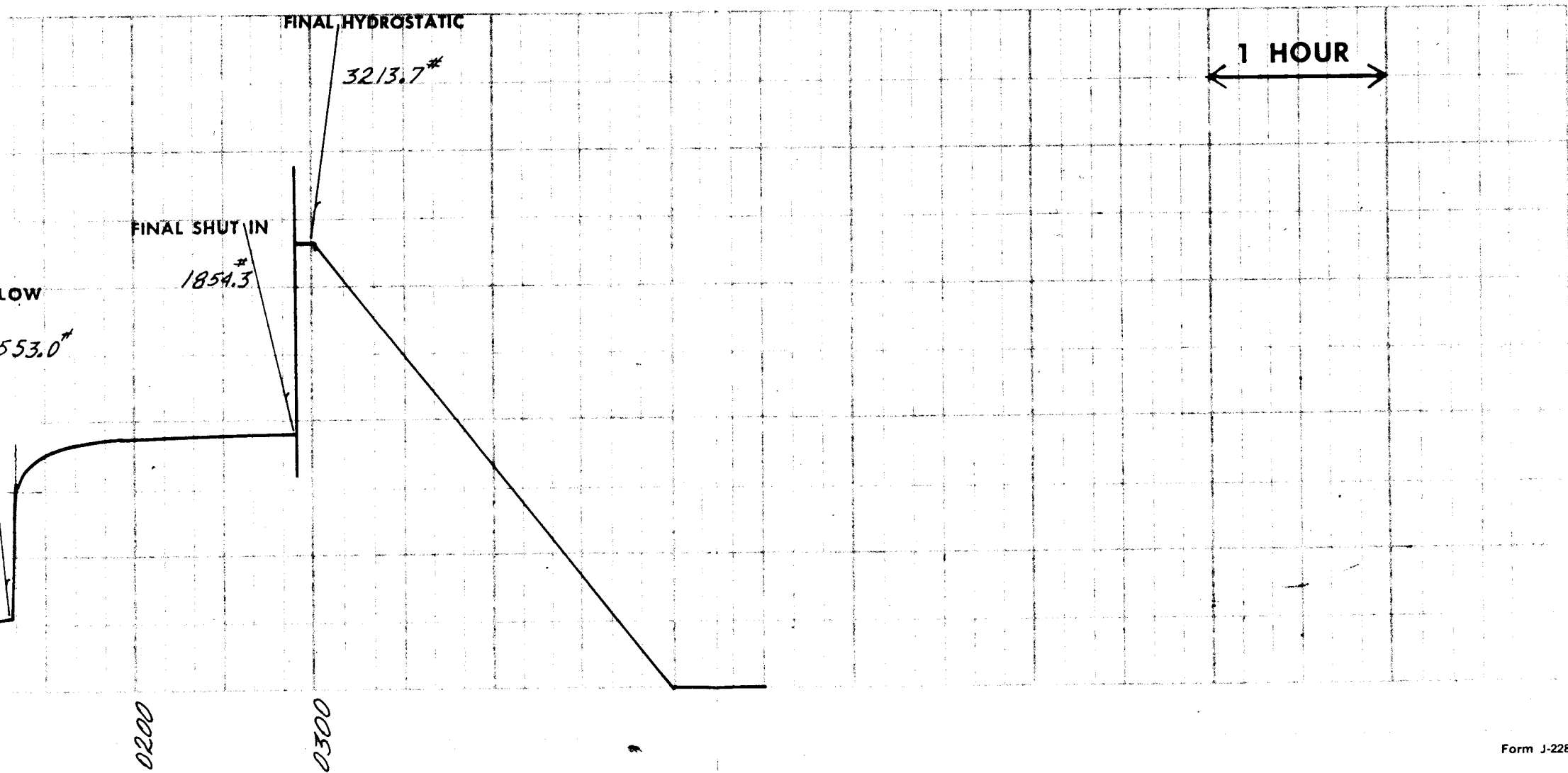
Instrument:
Number J-298

Capacity 4700 p.s.i.

Depth 6613 ft.

*a continuous tracing of the original chart





1900

ISI
22959

INSTRUMENT NUMBER J-298

1800

1700

1600

1500

1400

PRESSURE (P.S.I.G.)

1.0

LOG OF $\frac{T + \Delta T}{\Delta T}$

JOHNSTON
COMPUTERIZED
PLOT

0



1900

FSI
22959

INSTRUMENT NUMBER J-298

1800

1700

1600

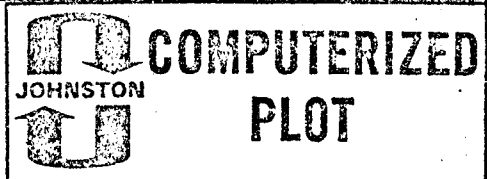
1500

1400

PRESSURE (P.S.I.G.)

2.0

LOG OF $\frac{T + \Delta T}{\Delta T}$



0



JOHNSTON
...found a better way

PRESSURE DATA

Instrument No.	J-298			Field Report No. 22959 B			
Capacity (P.S.I.G.)	4700						
Instrument Depth	6613'						
Instrument Opening	INSIDE						
Pressure Gradient P.S.I./Ft.							
Well Temperature °F.	175						
				TIME DATA			
Initial Hydrostatic Mud	A	3262.3		Time Given		Time Computed	
Initial Shut-in	B	* 1807.6		30 Mins.		33 Mins.	
Initial Flow	C	19.2		35 Mins.		36 Mins.	
	C-1	273.7		- Mins.		- Mins.	
	C-2	279.4		- Mins.		- Mins.	
Final Flow	D	553.0		61 Mins.		62 Mins.	
Final Shut-in	E	1854.3		96 Mins.		96 Mins.	
Final Hydrostatic Mud	F	3213.7					

Remarks:

*Shut in pressure did not reach static reservoir pressure.

Clock Travel 0.02134

inches per min.

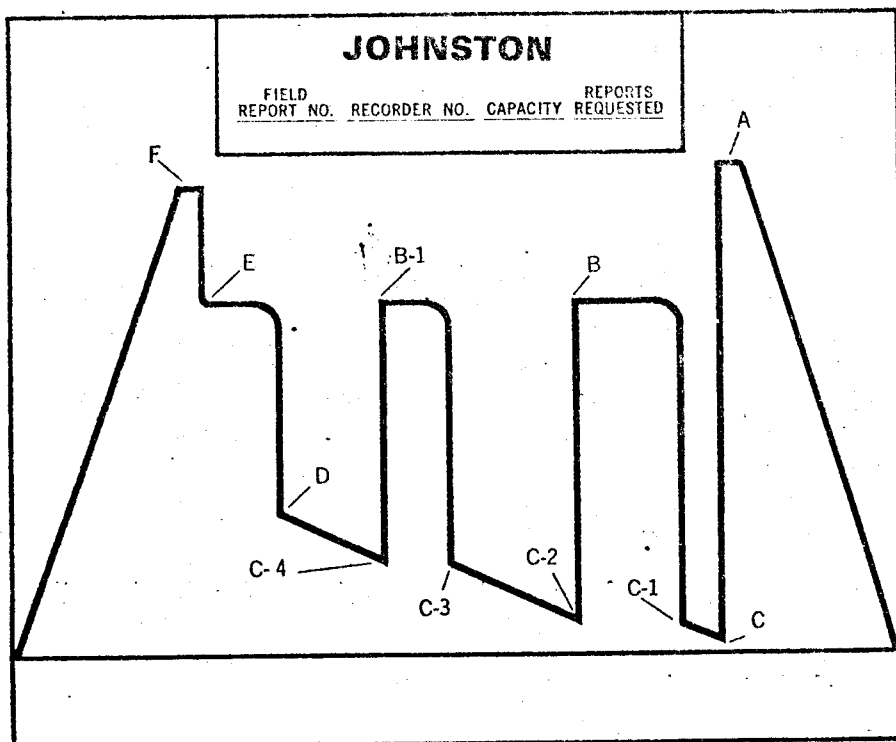
PRESSURE INCREMENTS

DT	PSI	LOG	DT	PSI	LOG
INITIAL SHUT IN BREAKDOWN					
C 1 0	273.7	0.000	18	1753.2	0.477
3	1500.6	1.114	21	1768.5	0.434
6	1612.2	0.845	24	1781.8	0.398
9	1671.3	0.699	27	1792.3	0.368
12	1707.5	0.602	30	1800.9	0.342
15	1733.2	0.531	B 33	1807.6	0.320
FINAL SHUT IN BREAKDOWN					
D 0	553.0	0.000	55	1839.0	0.444
5	1617.9	1.314	60	1841.9	0.421
10	1698.9	1.033	65	1844.8	0.399
15	1740.9	0.877	70	1847.6	0.380
20	1767.5	0.771	75	1850.5	0.363
25	1787.6	0.692	80	1851.4	0.347
30	1801.9	0.630	85	1854.3	0.333
35	1811.4	0.580	90	1854.3	0.320
40	1820.9	0.538	95	1854.3	0.308
45	1827.6	0.502	E 96	1854.3	0.297
50	1834.3	0.471			



JOHNSTON
...found a better way

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z — Special pressure points such as pumping pressure recorded for formation breakdown.



FIELD REPORT NO.

22959 B

CAPACITY

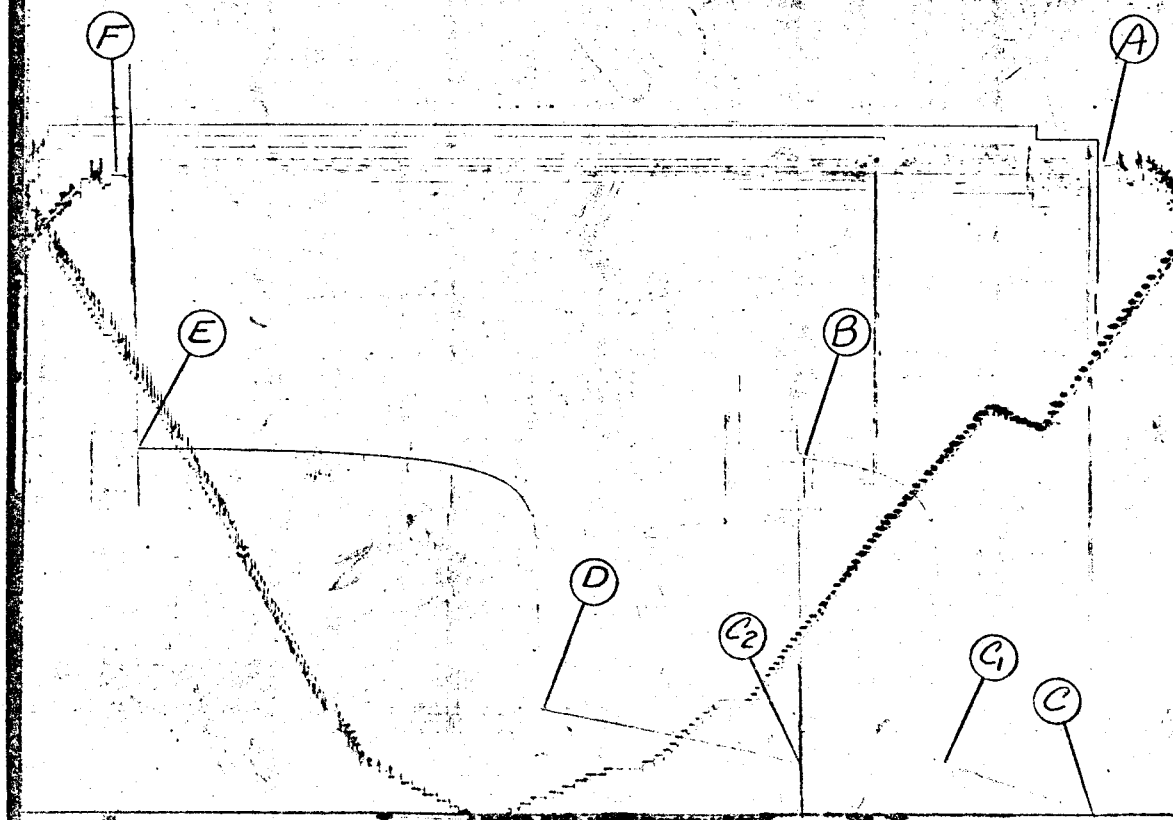
4700#

RECORDER NO.

J-298

REPORTS REQUESTED

12+



1900

ISI
22959

INSTRUMENT NUMBER I-105

1800

1700

1600

1500

1400

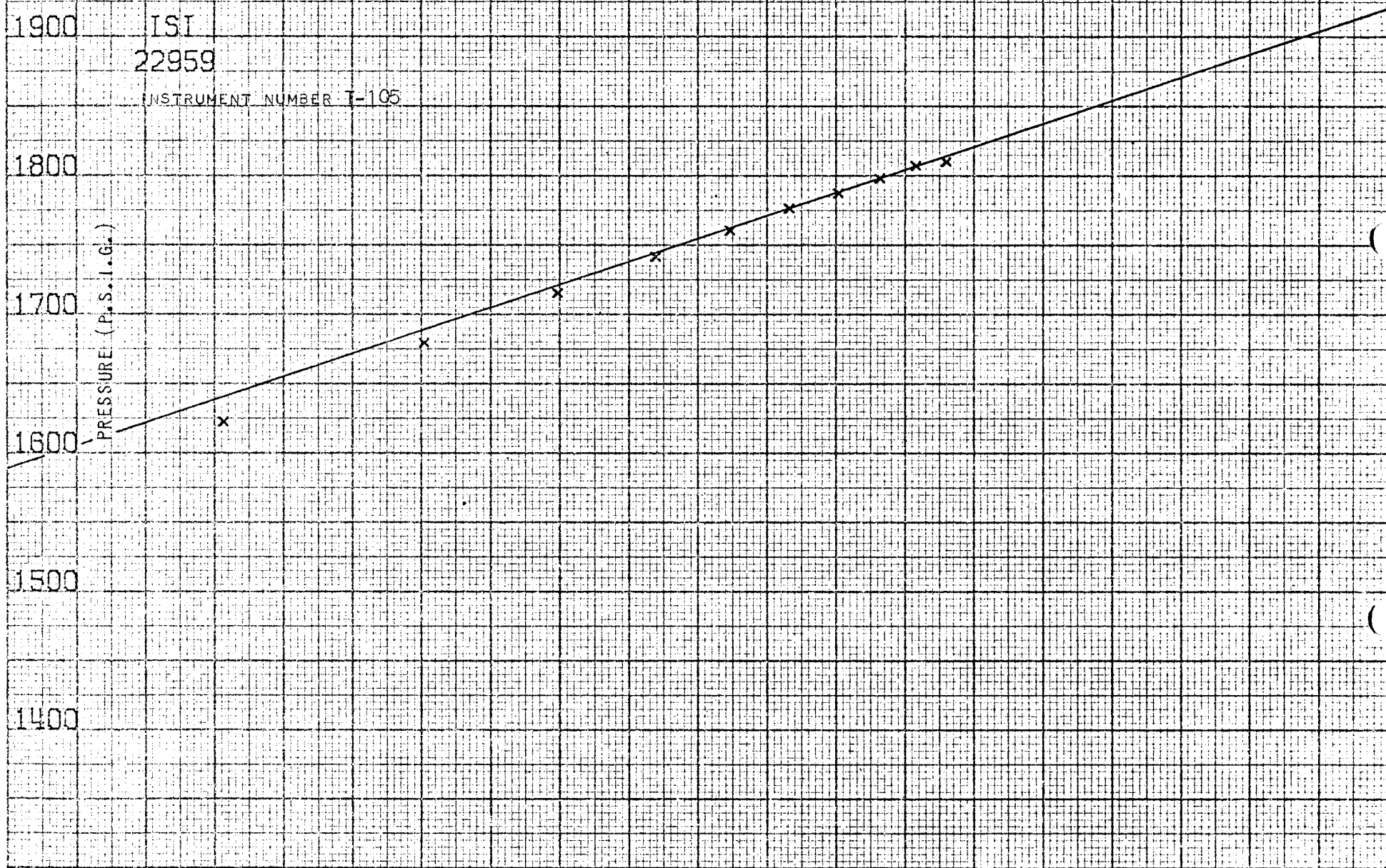
PRESSURE (P.S.I.G.)

1.0

LOG OF $\frac{T + \Delta T}{\Delta T}$

 **COMPUTERIZED
PLOT**

0



1900

FSI

22959

INSTRUMENT NUMBER T-105

1800

1700

1600

1500

1400

PRESSURE (P.S.I.G.)

2.0

LOG OF $\frac{T + \Delta T}{\Delta T}$



0

PRESSURE DATA

PRESSURE DATA									
Instrument No.		T-105		J-302		Field Report No. 22959 B			
Capacity (P.S.I.G.)		5000		4700					
Instrument Depth		6646'		6676'					
Instrument Opening		OUTSIDE		OUTSIDE					
Pressure Gradient P.S.I./Ft.									
Well Temperature °F.		175		175					
						TIME DATA			
						Time Given		Time Computed	
Initial Hydrostatic Mud		A	3305.0	3262.7		30	Mins.	33	Mins.
Initial Shut-in		B	* 1810.1	-		35	Mins.	36	Mins.
Initial Flow		C	30.4	-		-	Mins.	-	Mins.
		C-1	275.7	-		-	Mins.	-	Mins.
		C-2	288.2	-		61	Mins.	62	Mins.
Final Flow		D	557.3	-		96	Mins.	96	Mins.
Final Shut-in		E	1853.5	-					
Final Hydrostatic Mud		F	3215.0	3196.2					

Remarks:

A-1 1990.1

A-2 2064.1

A-3 1908.6

A-4 1879.6

INSTRUMENT NUMBER J-302: BELOW STRADDLE.

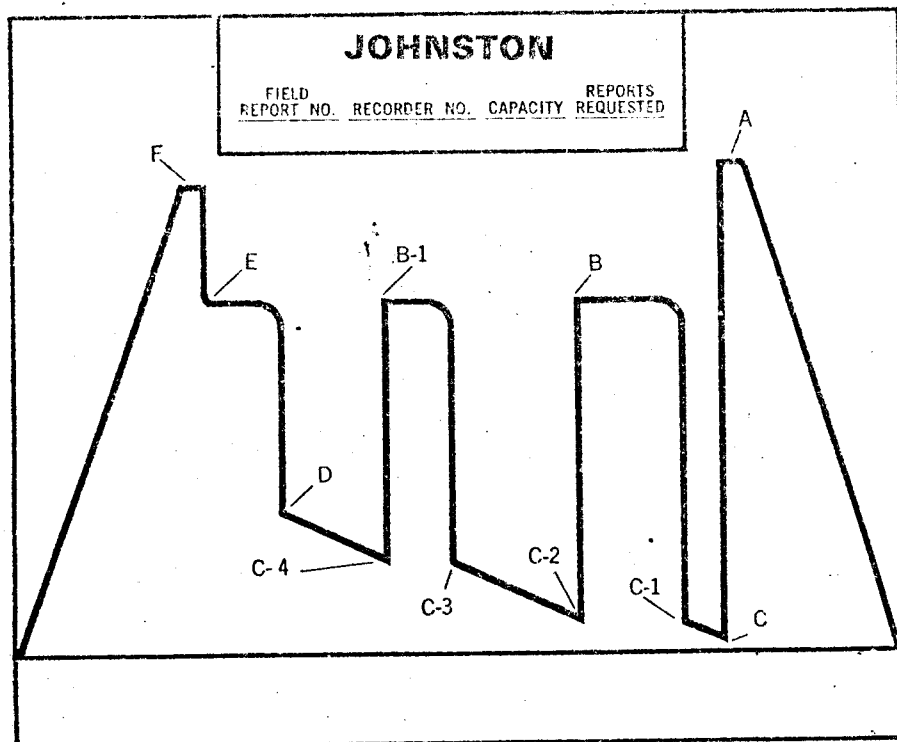
*Shut in pressure did not reach static reservoir pressure.

Clock Travel 0.01936 inches per min.

PRESSURE INCREMENTS

DT	PSI	LØG	DT	PSI	LØG
INITIAL SHUT IN BREAKDOWN					
C 1 0	275.7	0.000	18	1760.4	0.477
3	1509.8	1.114	21	1775.9	0.434
6	1621.6	0.845	24	1787.3	0.398
9	1678.6	0.699	27	1797.6	0.368
12	1714.8	0.602	30	1806.9	0.342
15	1740.7	0.531	B 33	1810.1	0.320
FINAL SHUT IN BREAKDOWN					
D 0	557.3	0.000	55	1839.0	0.444
5	1623.7	1.314	60	1842.1	0.421
10	1702.4	1.033	65	1845.3	0.399
15	1746.9	0.877	70	1847.3	0.380
20	1771.7	0.771	75	1850.4	0.363
25	1790.4	0.692	80	1851.5	0.347
30	1803.8	0.630	85	1852.5	0.333
35	1815.2	0.580	90	1853.5	0.320
40	1823.5	0.538	95	1853.5	0.308
45	1829.7	0.502	E 96	1853.5	0.297
50	1834.9	0.471			

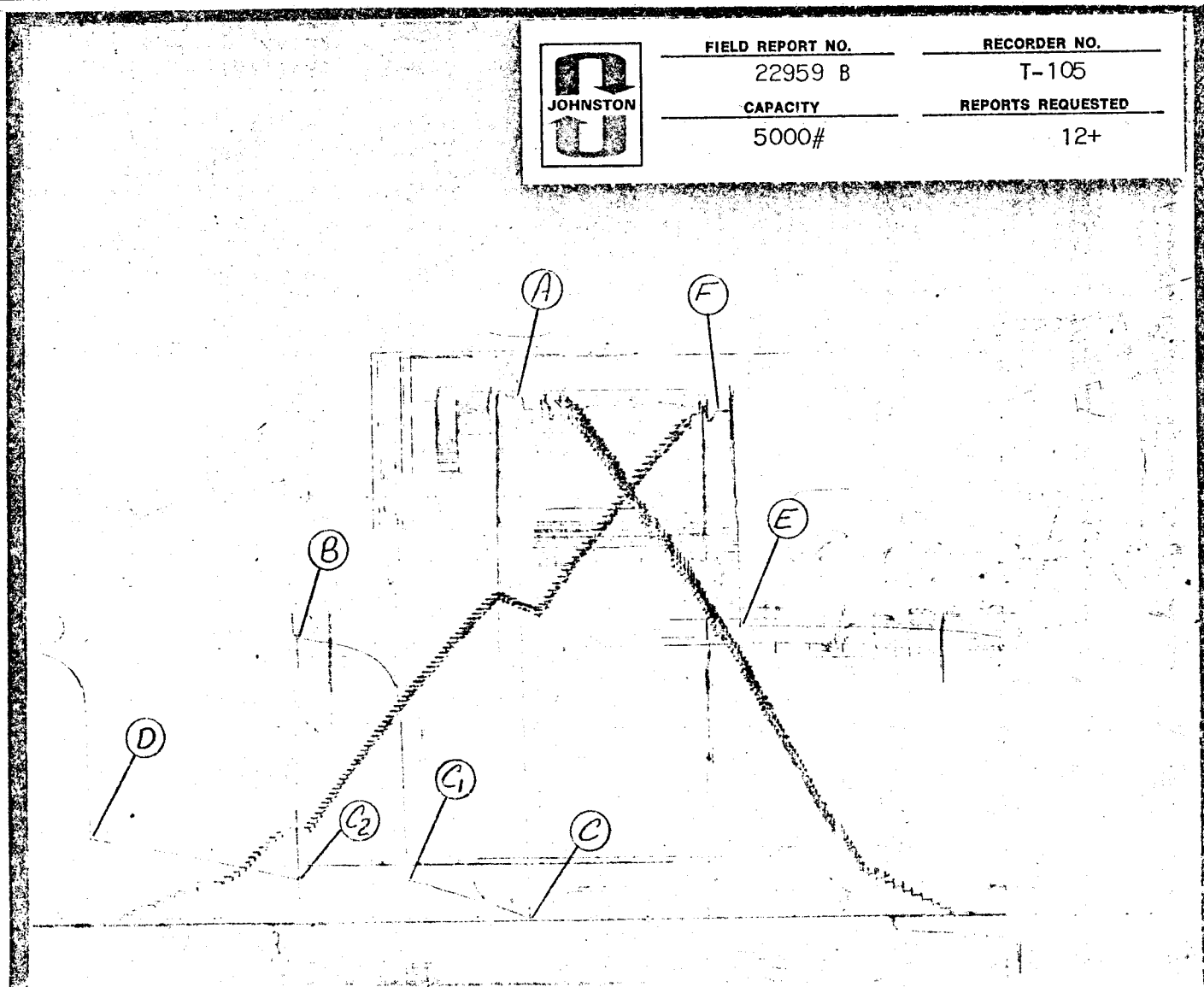
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



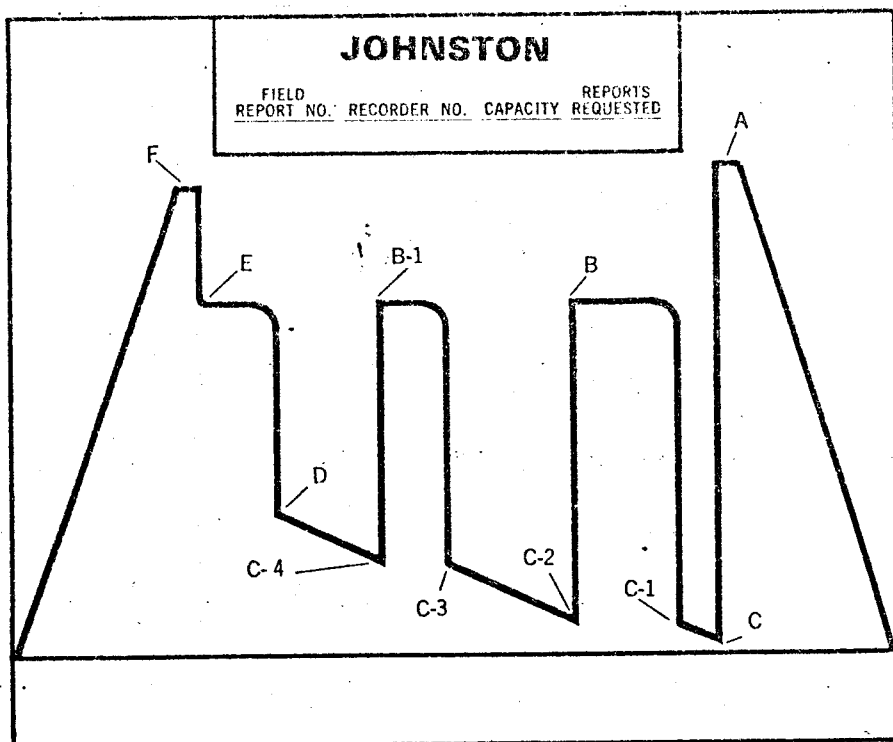
- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z — Special pressure points such as pumping pressure recorded for formation breakdown.



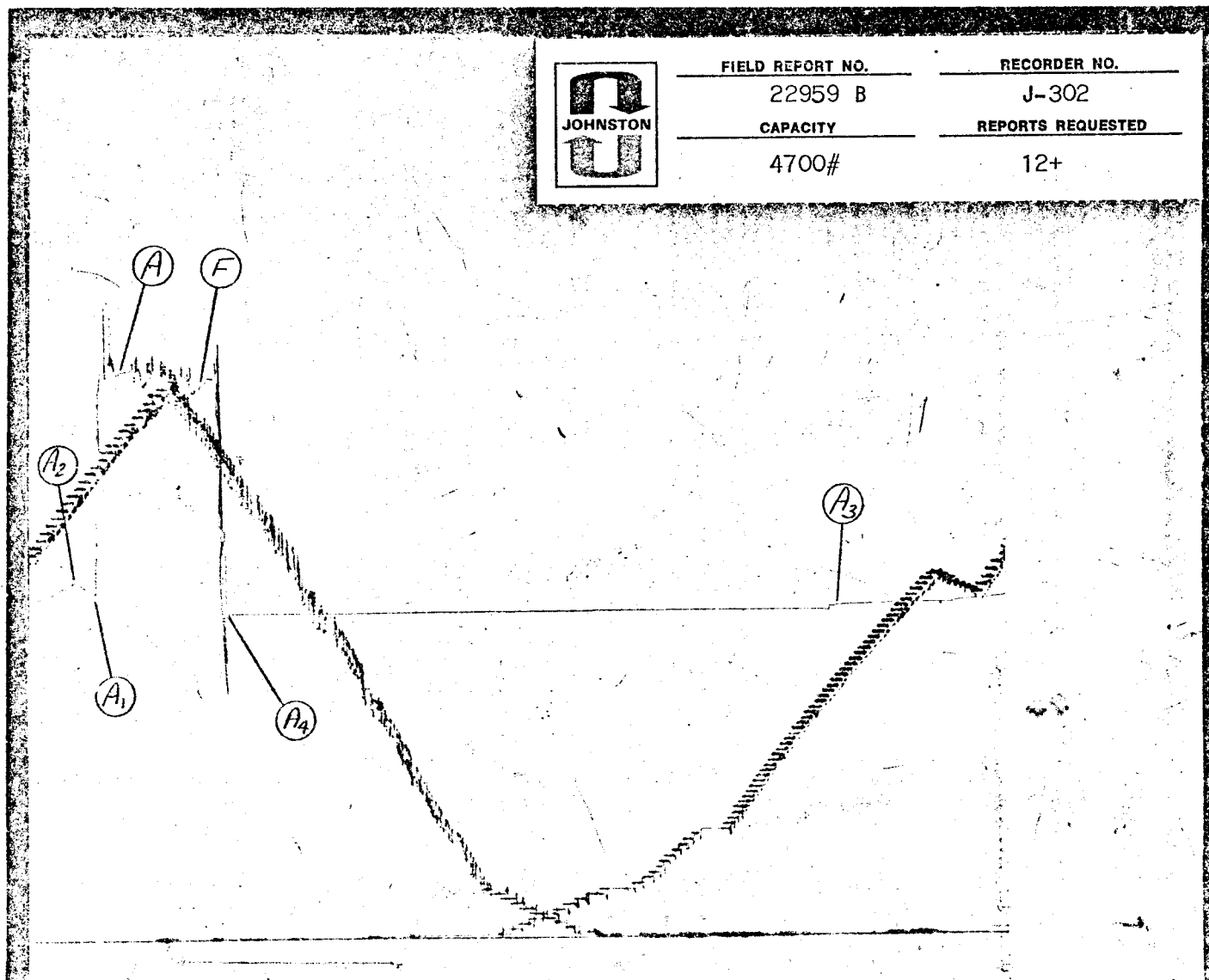
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z — Special pressure points such as pumping pressure recorded for formation breakdown.



Don Quigley 5/31/00 (4:35 PM)
PMB

418 - Anselty ↔ Fed.
rec 23 195 41 E Grand

1) top of Entrada
6670 6570 - 30 st

2) Salt Wash
6330 6730 - 30 st

3) Dakota
5990 - 5890 - 30 st

4) bottom of intermedial Canyon - @ 2200
2250 to 1950 - 30

→ If Pull 2 1800'
30 ft across 10 $\frac{3}{4}$ c
90 ft.
base of surface pipe

1800 to 90'
all measured ss
strings

↑
Mosevade = 90' Coal
No significant water

⑤ - 10 st @ surface

Marker
med between
plugs

Will Call H.S.G.S

For Don Quigley - On mobile phone and having audio
problem.



1110 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 266-2367

May 31, 1972

Re: Anschutz #1 Federal-418
NW NW NE Sec.23-19S-21E
Grand County, Utah
Federal Lease U-0145418

Mr. Gerald R. Dantels
U.S. Geological Survey
8416 Federal Building
Salt Lake City, Utah

Mr. Cleon B. Feight
Oil & Gas Conservation Commission
Department of Natural Resources
1588 West North Temple
Salt Lake City, Utah

Gentlemen:

Transmitted herewith in triplicate is the NOTICE
OF INTENT TO ABANDON (Form 9-331) for the captioned
well.

Casing was set in this hole as follows:

10-3/4" @ 99' W/75 sx
7-5/8" @ 2192' W/150 sx

It is our intent to set the bottom four plugs at
this time, run bond log on the intermediate, then cut
and recover the free intermediate.

Yours Very truly,

THE ANSCHUTZ CORPORATION, INC.


Robert M. Wakefield
Geologist

/s/
Encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR.
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-B1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Dry Hole	5. LEASE DESIGNATION AND SERIAL NO. Federal U-0145418
2. NAME OF OPERATOR THE ANSCHUTZ CORPORATION, INC.	6. IF INDIAN, ALLOTTEE OR TRUST NAME
3. ADDRESS OF OPERATOR 1110 Denver Club Building, Denver, Colo. 80202	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW 1/4 NW 1/4 NE 1/4 Sec. 23 442' SNL 2571' WEL	8. FARM OR LEASE NAME Federal-418
14. PERMIT NO.	9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6975' KB 6965' GL	10. FIELD AND POOL, OR WILDCAT Wildcat
	11. SEC., T., R., E., OR BLK. AND SURVEY OR AREA 23-19S-21E
	12. COUNTY OR PARISH Crandall
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and cones pertinent to this work.)*

This well was drilled to a total depth of 6713' into the Entrada formation. Electric logs were run to total depth; there were no cores. A test of the Entrada recovered water and a test of the Salt Wash recovered mud. No significant shows having been encountered, is is our intent to plug and abandon the well setting plugs as follows:

CEMENT	DEPTH
5 SX	Surface with marker
30 SX	75-125 Across base of surface casing
30 SX	2150-2250' Across base of intermediate casing
30 SX	5890-5990' Dakota
30 SX	6230-6330' Salt Wash
30 SX	6570-6670' Entrada

APPROVED BY DIVISION OF
OIL & GAS CONSERVATIONDATE **6-2-72**BY **C. B. Frazier**

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert M. Wakefield

TITLE

Geologist

DATE

May 31, 1972

(This space for Federal or State office use)*

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



1110 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 266-2367

July 14, 1972

Re: Anschutz #1 Federal-418
NW NW NE Sec.23-19S-21E
Grand County, Utah

Mr. Gerald Daniels
U.S. Geological Survey
8416 Federal Building
Salt Lake City, Utah

Dear Mr. Daniels:

Transmitted herewith in triplicate is the WELL
COMPLETION REPORT (Form 9-330) for the captioned well.

Yours very truly,

THE ANSCHUTZ CORPORATION, INC.

Robert M. Wakefield
Robert M. Wakefield
Geologist

/j
Encls.

cc: Mr. Cleon B. Feight
Oil & Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

2

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. Federal U-0145418	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR THE ANSCHUTZ CORPORATION, INC.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1110 Denver Club Building, Denver, Colo. 80202				8. FARM OR LEASE NAME Federal 418	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW 1/4 NW 1/4 NE 1/4 Sec. 23 442' SNL At top prod. interval reported below 2571' WEL At total depth				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED 3-23-72				12. COUNTY OR PARISH Grand	
				13. STATE Utah	
15. DATE SPUDDED 4-15-72	16. DATE T.D. REACHED 5-28-72	17. DATE COMPL. (Ready to prod.) P & A 5-31-72	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6975' KB 6965' GL	19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6713'		21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 0-6713'	ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* NONE					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN IES-GR Density W/caliper, CNL					27. WAS WELL CORED
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
10-3/4"		40.5	99'	14-3/4"	75 sx
8-5/8"		24	2192'	9-7/8"	150 sx
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
					DEPTH INTERVAL (MD)
					AMOUNT AND KIND OF MATERIAL USED
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Robert M. Wakefield		TITLE Geologist		DATE July 14, 1972	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			There were no cores. DST #1: 6631-6652' (Entrada) Open 35, ISI 30, open 60, FSI 90. Recovered 30' Slightly gas cut mud, no shows. 1260' Salty water, no shows. PPP 0-246 SIP 1816-1825 MFP 255-521 HP 3271-3204 DST #2: 6279-6313' (Salt Wash) Open 5, ISI 45, open 60, FSI 90. Recovered: 20' Mud, no shows. FP 0-8 SIP 1308-1691 HP 3166-3003	LOG TOPS: Dakota Morrison Salt Wash Summerville Entrada	5874' 6081' 6207' 6560' 6630'	

JUL 17 1972



1110 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303-573-5665

November 26, 1973

Mr. Gerald R. Daniels
U. S. Geological Survey
8426 Federal Building
Salt Lake City, Utah 84111

Mr. Cleon B. Feight
State of Utah
1588 West, North Temple
Salt Lake City, Utah 84116

Re: Anschutz #1 Federal 418
NW NW NE Sec. 23-19S-21E
Grand County, Utah
Federal Lease U-0145418

Gentlemen:

Transmitted in triplicate herewith is the SUBSEQUENT REPORT OF
ABANDONMENT on the captioned well.

We are advised by our production and drilling department that this
site is ready for final inspection.

Yours very truly,

THE ANSCHUTZ CORPORATION

Robert M. Wakefield
Geologist

RMW:kcw
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR.
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Federal U-0145418

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 418

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA**23-19S-21E**

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1.

OIL ☐ GAS ☐
WELL ☐ WELL ☐ OTHER ☐ **DRY HOLE**

2. NAME OF OPERATOR

The Anschutz Corporation

3. ADDRESS OF OPERATOR

1110 Denver Club Bldg., Denver, Colorado 802024. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)At surface **NW1/4NE1/4 Sec. 23 442' SNL
2571' WEL**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6975' KB**6965' CL**

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

This well was drilled to a total depth of 6713' into the Entrada formation. Electric logs were run to total depth; there were no cores. A test of the Entrada recovered water and a test of the Salt Wash recovered mud. No significant shows having been encountered, the well was plugged and abandoned 5-31-72 with plugs set as follows:

Cement	Depth
5 sz	Surface w/marker
30 sz	75-125 across base of surface casing
30 sz	2150-2250 across base of intermediate casing
30 sz	5890-5990 Dakota
30 sz	6230-6330 Salt Wash
30 sz	6570-6670 Entrada

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert M. Wakefield

TITLE

Geologist

DATE

11-26-73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side